

# ALTERNATIVE FEASIBILITY

Version 18.1

Expires April 15, 2019

SPREADSHEET HAS EXPIRED

NEPA Homestead

Forest 04-Idaho Panhandle

Year of Data Entry 2019

## Alternative Description

Alt 1

DRAFT

Alt 2

Alt 3

Alt 4

	Alt 1	Alt 2	Alt 3	Alt 4
Ground Based Volume CCF	39,458			
Ground Based Ext. Yarding Distance	744			
Ground Based Acres	907			
Ground Lead Volume CCF				
Ground Lead Ext. Yarding Distance				
Ground Lead Acres				
Skyline Volume CCF	13,340			
Skyline Ext. Yarding Distance	567			
Skyline Acres	325			
Helicopter Volume CCF				
Helicopter Ext. Yarding Distance				
Helicopter Acres				
Paved Haul Miles	35			
Unpaved Haul Miles	16			
Non-Sawtimber Adjustment \$ / CCF	0.00	0.00	0.00	0.00
<b>Environmental Cost - \$ / CCF</b>				
Brush Disposal - Purchaser	8.09			
Brush Disposal - Deposits	1.85			
Erosion Control	0.22			
Other Contractual Requirements (A)				
Other Contractual Requirements (B)	0.04			
Other Contractual Requirements (C)	2.30			
<b>TOTAL</b>	<b>12.49</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Temporary Road Costs \$ / CCF	0.70			
Specified Road Costs \$ / CCF	19.27			
Road Maintenance Costs \$ / CCF	5.50			
Unusual Condition Adjustment \$ / CCF				
Total Required Reforestation	1,117,954			

Costs - Unadjusted \$

### ALTERNATIVE FEASIBILITY RESULTS

	Ground Based	Ground Lead	Skyline	Helicopter
Sawtimber Volume Average DBH By Logging Systems	12.0	12.0	12.0	

Sawtimber MBF / CCF Ratio 0.5500 Non-Sawtimber MBF / CCF Ratio

Delivered Log Price \$ / MBF

PP	DF / L	S	WW	C	B. PINE	WF/HF	
350	425	360	375	800		360	<a href="http://www.consulting-foresters.com/">http://www.consulting-foresters.com/</a> <a href="http://www.bber.umd.edu/FIR/F_LogPrice.asp">http://www.bber.umd.edu/FIR/F_LogPrice.asp</a>

	Alt 1	Alt 2	Alt 3	Alt 4
Total Sawtimber Volume CCF	52,798			
Total Non-Sawtimber Volume CCF				
Total Acres	1,232			
Stump to Mill Costs (Sawtimber) \$ / MBF	228.78			
(Fell, Skid, Load, Haul) \$ / CCF	125.83			
Total Logging Costs \$ / CCF (1)	163.80			
Minimum Rate \$ / CCF	3.38			
Adjustment To Minimum Rate to cover Required Reforestation Costs \$ / CCF	18.04			
Base Rate \$ / CCF (4)	21.42			
Appraised Stumpage Rate \$ / CCF (3)	89.07			
Amount Deficit \$ / CCF (5)	0.00	0.00	0.00	0.00
WTD. Ave. Deliv. Log Price \$ / MBF (2)	459.75			
Required Delivered Log Price To Break Even \$ / MBF (6)	336.76			

### STEWARDSHIP FEASIBILITY

	(%)	(%)	(%)	(%)
Value Adjustment	75	75	75	75
Total Base Value Available for Stewardship Projects.	2,688,451			
(If Applicable Total Value Available Includes Allowance for Essential Regeneration Costs)				